

Title (en)

METHOD AND SYSTEM FOR CONTROLLING THE POWERTRAIN OF A VEHICLE

Title (de)

VERFAHREN UND SYSTEM ZUR STEUERUNG DES ANTRIEBSZUGS EINES FAHRZEUGS

Title (fr)

PROCÉDÉ ET SYSTÈME DE COMMANDE DU GROUPE MOTOPROPULSEUR D'UN VÉHICULE

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Application

EP 14801697 A 20140522

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Abstract (en)

[origin: WO2014189459A1] The present invention relates to a method for controlling the powertrain of a vehicle, which powertrain comprises a first electric drive device (30, 92) for driving of a first drive shaft and a second electric drive device (40, 94) for driving of a second drive shaft of the vehicle, comprising the step of via power electronics providing electricity supply of a first electric motor (32, 92a) of the first electric drive device and a second electric motor (42, 94a) of the second electric drive device, comprising the step (S1) of providing said electricity supply from a common power electronics which supplies said first and second electric motors with electricity, which motors hereby are connected in parallel. The present invention also relates to a system for controlling the powertrain of a vehicle. The present invention also relates to a motor vehicle. The present invention also relates to a computer program and a computer program product.

IPC 8 full level

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Citation (search report)

- [A] US 2006061307 A1 20060323 - DONNELLY FRANK W [CA]
- [A] EP 2503683 A1 20120926 - L 3 COMM MAGNET MOTOR GMBH [DE]
- [A] US 2012168234 A1 20120705 - HELLHOLM BJOERM [SE], et al
- [A] EP 2450214 A1 20120509 - KAESBOHRER GELAENDEFAHRZEUG [DE]
- [XA] SEW EURODRIVE: "MOVIDRIVE Mehrmotorenantriebe", 31 October 2001 (2001-10-31), XP002767821, Retrieved from the Internet <URL:http://download.sew-eurodrive.com/download/pdf/10509003.pdf> [retrieved on 20170306]
- [A] SEW EURODRIVE: "MOVIFIT-FC", 31 October 2008 (2008-10-31), pages 1,42, XP002767822, Retrieved from the Internet <URL:http://download.sew-eurodrive.com/download/pdf/11663006.pdf> [retrieved on 20170306]
- See references of WO 2014189459A1

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